

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of the claims in the Application. With reference to the listing it is noted that, herewith, claims 16-20 are canceled without prejudice or disclaimer, and claims 21-26 are added. No new matter has been added.

Listing of Claims

1. (Previously Presented) A method for protecting broadcast digital content comprising:
 - encrypting digital content with a first key;
 - encrypting the first key with a second key;
 - broadcasting the encrypted digital content and the encrypted first key;
 - protecting the second key and assigning rights to the second key;
 - transmitting the protected second key and the assigned rights to a mobile terminal over a mobile network;
 - sending the encrypted first key from a content display device to a mobile terminal;
 - decrypting the encrypted first key with the protected second key in accordance with the assigned rights; and
 - sending the decrypted first key from the mobile terminal to the content display device,
 - wherein the content display device is at least in part of an end user device.
2. (Previously Presented) The method of claim 1 further comprising:
 - receiving the encrypted digital content and the encrypted first key at the content display device;

receiving the protected second key and the assigned rights at the mobile terminal; and
decrypting, at the content display device, the encrypted digital content with the
decrypted first key.

3. (Original) The method of claim 1 wherein the second key is protected by encrypting it with a user specific key.
4. (Original) The method of claim 1 wherein the assigned rights are transmitted in a protected voucher.
5. (Original) The method of claim 1 wherein the assigned rights at least include a right to play the encrypted digital content once.
6. (Previously Presented) The method of claim 1 wherein the second key is protected in accordance with the open mobile alliance standard.
7. (Original) The method of claim 1 wherein an executable application is transmitted to the mobile terminal.
8. (Previously Presented) The method of claim 1 further comprising:
transmitting a protected executable application to the mobile terminal, wherein the protected executable application is decrypted using the second key.

9. (Original) The method of claim 8 wherein the executable application further enables the mobile terminal to decrypt the first key.

10. (Previously Presented) A method for viewing protected digital content comprising:

receiving encrypted digital content and an encrypted first key at a content display device over a one-way transmission link;

receiving a protected second key and assigned rights at a mobile terminal over a mobile network;

sending the encrypted first key from the content display device to the mobile terminal over a two way transmission link;

decrypting the encrypted first key with the protected second key in accordance with the assigned rights;

sending the decrypted first key from the mobile terminal to the content display device; and

decrypting, at the content display device, the encrypted digital content with the decrypted first key,

wherein the content display device is at least in part of an end user device.

11. (Original) The method of claim 10 wherein further comprising receiving an executable application at the mobile terminal wherein the executable application enables the mobile terminal to decrypt the second key.

12. (Original) The method of claim 11 wherein the executable application further enables the mobile terminal to decrypt the first key.

13. (Original) The method of claim 10 further comprising:

 sending a request for content rights usage from a mobile terminal over a mobile network.

14. (Previously Presented) A system for protecting digital video broadcast content comprising:

 a mobile network;

 a computer connected to the mobile network;

 a mobile terminal connected to the mobile network;

 a content receiving device connected to the mobile terminal over a short range network;

 wherein the content receiving device is programmed to receive one-way content transmissions containing encrypted digital content and at least one encrypted first key and wherein the content receiving device is further programmed to send the encrypted first key to the mobile terminal;

 wherein the computer is programmed to protect a second key, create a rights voucher identifying allowed uses of the second key, and send the protected second key and the rights voucher to the mobile terminal over the mobile network;

 wherein the mobile terminal is programmed to use the protected second key in accordance with the rights voucher to decrypt the encrypted first key, and send the decrypted first key to the content receiving device; and

wherein the content receiving device is further programmed to decrypt the encrypted digital content with the decrypted first key,

wherein the content receiving device is at least in part of an end user device.

15. (Previously Presented) A system for displaying protected digital content comprising:

a mobile network;

a mobile terminal connected to the mobile network;

a content receiving device connected to the mobile terminal over a short range network, and capable of receiving broadcast content;

wherein in the content receiving device is programmed to receive broadcast content transmissions containing encrypted digital content and at least on encrypted first key, and wherein the content receiving device is further programmed to send the encrypted first key to the mobile terminal over the short range network;

wherein the mobile terminal is programmed to use a protected second key in accordance with a rights voucher to decrypt the encrypted first key, and send the decrypted first key to the content receiving device over the short range network; and

wherein the content receiving device is further programmed to decrypt the encrypted digital content with the decrypted first key,

wherein the content receiving device is at least in part of an end user device.

Claims 16-20 (Canceled)

21. (New) An apparatus comprising:

a memory having program code stored therein; and

a processor disposed in communication with the memory for carrying out instructions in accordance with the stored program code;

wherein the processor, in accordance with the program code, is configured to:

receive encrypted digital content and an encrypted first key at the apparatus over a one-way transmission link;

send the encrypted first key from the apparatus to a mobile terminal over a two way transmission link, wherein the mobile terminal receives a protected second key and assigned rights over a mobile network;

receive the decrypted first key from the mobile terminal at the apparatus, wherein the mobile terminal decrypts the encrypted first key with the protected second key in accordance with the assigned rights; and

decrypt, at the apparatus, the encrypted digital content with the decrypted first key,

wherein the apparatus is at least in part of an end user device.

22. (New) An apparatus comprising:

a memory having program code stored therein; and

a processor disposed in communication with the memory for carrying out instructions in accordance with the stored program code;

wherein the processor, in accordance with the program code, is configured to:

receive a protected second key and assigned rights at the apparatus over a mobile network;

receive an encrypted first key from a content display device at the apparatus over a two way transmission link, wherein the content display device receives encrypted digital content and the encrypted first key over a one-way transmission link;

decrypt, at the apparatus, the encrypted first key with the protected second key in accordance with the assigned rights; and

send the decrypted first key from the apparatus to the content display device, wherein the content display device decrypts the encrypted digital content with the decrypted first key, wherein the content display device is at least in part of an end user device.

23. (New) An article of manufacture comprising a computer readable medium containing program code that when executed causes an apparatus to perform:

receiving encrypted digital content and an encrypted first key at the apparatus over a one-way transmission link;

sending the encrypted first key from the apparatus to a mobile terminal over a two way transmission link, wherein the mobile terminal receives a protected second key and assigned rights over a mobile network;

receiving the decrypted first key from the mobile terminal at the apparatus, wherein the mobile terminal decrypts the encrypted first key with the protected second key in accordance with the assigned rights; and

decrypting, at the apparatus, the encrypted digital content with the decrypted first key, wherein the apparatus is at least in part of an end user device.

24. (New) An article of manufacture comprising a computer readable medium containing program code that when executed causes an apparatus to perform:

receiving a protected second key and assigned rights at the apparatus over a mobile network;

receiving an encrypted first key from a content display device at the apparatus over a two way transmission link, wherein the content display device receives encrypted digital content and the encrypted first key over a one-way transmission link;

decrypting, at the apparatus, the encrypted first key with the protected second key in accordance with the assigned rights; and

sending the decrypted first key from the apparatus to the content display device, wherein the content display device decrypts the encrypted digital content with the decrypted first key, wherein the content display device is at least in part of an end user device.

25. (New) A method, comprising:

receiving encrypted digital content and an encrypted first key at a content display device over a one-way transmission link;

sending the encrypted first key from the content display device to a mobile terminal over a two way transmission link, wherein the mobile terminal receives a protected second key and assigned rights over a mobile network;

receiving the decrypted first key from the mobile terminal at the content display device, wherein the mobile terminal decrypts the encrypted first key with the protected second key in accordance with the assigned rights; and

decrypting, at the content display device, the encrypted digital content with the decrypted first key,

wherein the content display device is at least in part of an end user device.

26. (New) A method, comprising:

receiving a protected second key and assigned rights at a mobile terminal over a mobile network;

receiving an encrypted first key from a content display device at the mobile terminal over a two way transmission link, wherein the content display device receives encrypted digital content and the encrypted first key over a one-way transmission link;

decrypting, at the mobile terminal, the encrypted first key with the protected second key in accordance with the assigned rights; and

sending the decrypted first key from the mobile terminal to the content display device, wherein the content display device decrypts the encrypted digital content with the decrypted first key,

wherein the content display device is at least in part of an end user device.